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L6: Entry 36 of 81

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Dec 24, 1996

DERWENT-ACC-NO: 1997-103658

DERWENT-WEEK: 199710

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TITLE: Anti-active oxygen agent for cosmetics, foods and medicines - prep'd. by roasting plant seeds and/or germs, fermenting, adding vegetable oil and/or plant seeds and extracting with polar solvent.

PATENT-ASSIGNEE:

ASSIGNEE	CODE
<u>ASAHI BREWERIES LTD</u>	<u>ASAK</u>

PRIORITY-DATA: 1995JP-0147003 (June 14, 1995)

[Search Selected](#)[Search All](#)[Clear](#)**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input checked="" type="checkbox"/> <u>JP 08337536 A</u>	December 24, 1996		008	A61K035/78

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
<u>JP 08337536A</u> ✓	June 14, 1995	1995JP-0147003	

INT-CL (IPC): A23 L 1/30; A61 K 7/00; A61 K 7/48; A61 K 35/78

ABSTRACTED-PUB-NO: JP 08337536A

BASIC-ABSTRACT:

Anti-active oxygen agents for cosmetics, foods and medicines are prep'd. by roasting plant seeds and/or germs, fermentation, addn. of vegetable oil and/or plant seeds, extn. with a polar solvent, washing the extract with a non-polar solvent and then treatment with active charcoal, partic. at ratios of 1-4 wt.% to the washed extract.

Pref., at least plant seed (e.g. rice, wheat, barley, soybean and corn) and/or germs (e.g. rice bran and wheat germ) are roasted, mixed with koji mould or yeast and fermented to give anti-active oxygen agents. The fermented prod. is mixed with plant seeds (e.g. safflower, rapeseed, sesame, cotton and olive) and their oils. The mixt. is further treated to give the agents.

USE/ADVANTAGE - The agents are used in amts. of 20-1,000 mg/day as anti-active oxygen agents, 50-500 mg/day as food additives, 10-100 mg/day as cosmetic additives, and 50-500 mg/day as anti-inflammatory agents. The anti-active oxygen agents have a pale colour.

In an example, an anti-active oxygen agent prep'd. from a mixt. of soybean, Job's tears, wheat, germ of wheat and rice bran, and sesame oil exhibited anti-oxidative activity against 1,1-diphenyl-2-picrylhydrazyl, a stable radical DPPH, at a rate of 1.75 mol/mg.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: ANTI ACTIVE OXYGEN AGENT COSMETIC FOOD MEDICINE PREPARATION ROAST PLANT SEED GERM
FERMENTATION ADD VEGETABLE OIL PLANT SEED EXTRACT POLE SOLVENT

DERWENT-CLASS: B04 D13 D21

CPI-CODES: B04-A10G; B14-C03; B14-S08; D03-H01P; D08-B11;

CHEMICAL-CODES:

Chemical Indexing M1 *01*
Fragmentation Code
M423 M781 M903 P420 Q220 Q254 Q624 V400 V406

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-033254

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